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**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	Unassigned
Filing Date	Herewith
First Named Inventor	Glenn McGall
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	18547-042110

I hereby appoint:

Practitioners at Customer Number
AND

20350

Place Customer
Number Bar Code
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Practitioner(s) named below:

Name	Registration Number
Vern Norviel	32,483
Philip L. McGarrigle	31,395
Wei Zhou	44,419
Alan B. Sherr	42,147

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith

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I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.

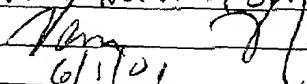
Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name

Vern Norviel, Sr. Vice President + General Counsel

Signature



Date

6/17/01

NOTE. Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of 1 form is submitted.

Burden Hour Statement. This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231
SF 1222747 v1

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Glenn McGall, Lisa Kajisa and Bradley A. Kreger

Application No./Patent No.: Unassigned

Filed/Issue Date: Herewith

Entitled: NEW METHODS FOR ARRAY PREPARATION USING SUBSTRATE ROTATIONAFFYMETRIX, INC.

a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either,

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

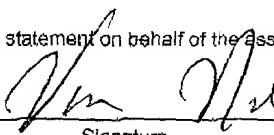
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached.

NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

01/11/01

Date



Signature

Vern Noriel

Typed or printed name

Sr. Vice President + General Counsel

Title

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COPY

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ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Glenn McGall, of 750 No. Shoreline Blvd., #30, Mountain View, CA 94043; Lisa Kajisa, of 4644 Doyle Court, San Jose, CA 95129; Bradley A. Kreger, of 8506 Pinedrops Court, Elk Grove, CA 95624; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: NEW METHODS FOR ARRAY PREPARATION USING
SUBSTRATE ROTATION

Date(s) of execution of Declaration: 05/17/01, 05/17/01 and 05/30/01

Filing Date: Herewith

Application No.: Unassigned

WHEREAS, Affymetrix, Inc., a corporation of the state of Delaware, located at 3380 Central Expressway, Santa Clara, CA, 95051, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

— NOT FOR RECORDATION —

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 5/24/01



Glenn McGall

SIGNATURE WITNESSED BY:

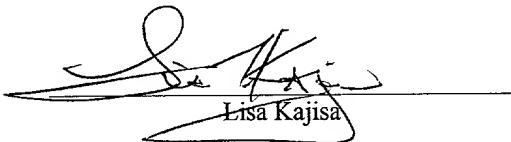
(1) Date: _____

Signature of Witness 1

(2) Date: _____

Signature of Witness 2

Dated: 5/17/01



Lisa Kajisa

SIGNATURE WITNESSED BY:

(1) Date: _____

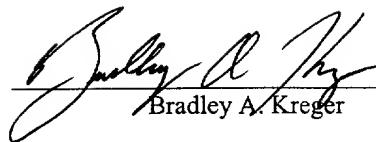
Signature of Witness 1

(2) Date: _____

Signature of Witness 2

Assignment
Attorney Docket No.: 18547-042110US
Page 3

Dated: 5/30/01



Bradley A. Kreger

SIGNATURE WITNESSED BY:

(1) Date: _____

Signature of Witness 1

(2) Date: _____

Signature of Witness 2

1222738



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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted With Initial Filing Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	18547-042110
First Named Inventor	Glenn McGall et al.
COMPLETE IF KNOWN	
Application Number	Unassigned
Filing Date	Herewith
Group Art Unit	Unassigned
Examiner Name	Unassigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

NEW METHODS FOR ARRAY PREPARATION USING SUBSTRATE ROTATION

the specification of which *(Title of the Invention)*

is attached hereto

OR

was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below

Application Number(s)	Filing Date (MM/DD/YYYY)	
60/209,411	06/01/00	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 3]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to:		<input checked="" type="checkbox"/> Customer Number or Bar Code Label	20350	OR	<input type="checkbox"/> Correspondence address below
Name	William B Kezer				
Address					
Address					
City			State	ZIP	
Country	Telephone 925-472-5000		Fax 925-472-8895		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U S C 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon					
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name Glenn			Family Name or Surname	McGall	
Inventor's Signature				Date 5/17/01	
Residence: City Mountain View	State CA	Country USA	Citizenship CANADA		
Mailing Address 750 No. Shoreline Blvd., #30					
Mailing Address					
City Mountain View	State CA	ZIP 94043	Country USA		
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name Lisa			Family Name or Surname	Kajisa	
Inventor's Signature				Date 5/17/01	
Residence: City San Jose	State CA	Country USA	Citizenship USA		
Mailing Address 4644 Doyle Court					
Mailing Address					
City San Jose	State CA	ZIP 95129	Country USA		
<input checked="" type="checkbox"/> Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto					

[Page 2 of 3]

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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental Sheet

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])		Family Name or Surname			
Bradley, A		Kreger			
Inventor's Signature				Date	
Residence: City	Elk Grove	<u>State</u>	CA	<u>Country</u>	USA
Citizenship USA					
Mailing Address 8506 Pinedrops Court					
Mailing Address					
City	Elk Grove	<u>State</u>	CA	<u>ZIP</u>	95624
<u>Country</u> USA					

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[Page 3 of 3]

**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration
Submitted
With Initial
Filing Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number	18547-042110
First Named Inventor	Glenn McGall et al.
COMPLETE IF KNOWN	
Application Number	Unassigned
Filing Date	Herewith
Group Art Unit	Unassigned
Examiner Name	Unassigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

NEW METHODS FOR ARRAY PREPARATION USING SUBSTRATE ROTATION

the specification of which

(Title of the Invention)

is attached hereto

OR

was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY) (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

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DECLARATION — Utility or Design Patent Application

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Name	William B. Kezer				
Address					
Address					
City			State	ZIP	
Country	Telephone 925-472-5000		Fax 925-472-8895		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name Glenn		Family Name or Surname McGall			
Inventor's Signature		Date			
Residence: City Mountain View		State CA	Country USA	Citizenship CANADA	
Mailing Address 750 No. Shoreline Blvd., #30					
Mailing Address					
City Mountain View	State CA	ZIP 94043	Country USA		
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name Lisa		Family Name or Surname Kajisa			
Inventor's Signature			Date 5/17/01		
Residence: City San Jose		State CA	Country USA	Citizenship USA	
Mailing Address 4644 Doyle Court					
Mailing Address					
City San Jose	State CA	ZIP 95129	Country USA		
<input checked="" type="checkbox"/> Additional inventors are being named on the <u>1</u> supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.					

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DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname		
Bradley, A		Kreger		
Inventor's Signature				Date <u>5/30/01</u>
Residence: <u>City</u>	<u>Elk Grove</u>	<u>State</u>	<u>CA</u>	<u>Country</u> <u>USA</u>
Mailing Address <u>8506 Pinedrops Court</u>				
Mailing Address				
City	<u>Elk Grove</u>	<u>State</u>	<u>CA</u>	<u>ZIP</u> <u>95624</u>
<u>Country</u> <u>USA</u>				

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